



## Division of Community and Public Health

[CDC WNV Cases Maps and Data \(updated weekly\)](#)

### Missouri Department of Health and Senior Services

## 2018 Reports of Mosquito-borne Disease in Humans

### Week 52

### Ending December 29, 2018

**Total verified domestic human mosquito-borne disease cases: 23**  
**Total verified domestic mosquito-borne disease-related fatalities\*: 3**

**PLEASE NOTE: This official case count reported by Missouri Department of Health and Senior Services may include cases still under investigation or in various stages of testing, including supplemental or confirmatory laboratory testing. These results are preliminary and subject to change.**

**Table 1: West Nile virus and other domestic arboviruses**

Arbovirus	CaseStatus	Laboratory Confirmed	County Name	Imported From	Onset Date	Fatality*	Hospitalized
WNV	Probable	No	St. Louis City	Not Imported	7/17/2018	No	Yes
WNV	Probable	No	St. Louis City	Not Imported	7/18/2018	No	Yes
WNV	Confirmed	Yes	St. Louis County	Not Imported	7/23/2018	No	Yes
WNV	Probable	No	St. Louis County	Not Imported	7/31/2018	No	Yes
WNV	Probable	No	St. Louis County	Not Imported	8/1/2018	No	Yes
WNV	Probable	No	St. Louis City	Not Imported	8/2/2018	No	Yes
WNV	Probable	No	St. Louis County	Acquired Out of State	8/5/2018	No	No
WNV	Probable	No	St. Louis City	Not Imported	8/12/2018	No	Yes
WNV	Probable	No	Jackson County	Not Imported	8/16/2018	Yes	Yes
WNV	Probable	No	St. Louis City	Not Imported	8/18/2018	No	Yes
WNV	Probable	No	St. Louis County	Not Imported	8/21/2018	No	Yes
WNV	Probable	No	St. Louis City	Not Imported	8/21/2018	No	Yes
WNV	Probable	No	Boone County	Not Imported	8/23/2018	No	Yes
WNV	Confirmed	Yes	St. Louis County	Not Imported	8/29/2018	Yes	Yes
WNV	Probable	No	Buchanan County	Not Imported	9/2/2018	No	Yes
WNV	Probable	No	St. Louis City	Not Imported	9/7/2018	No	No
WNV	Probable	No	St. Louis City	Not Imported	9/11/2018	No	Yes
WNV	Probable	No	St. Louis County	Not Imported	9/13/2018	No	Yes
WNV	Probable	No	Jackson County	Acquired Out of State	9/16/2018	Yes	Yes
WNV	Probable	No	St. Louis City	Not Imported	9/24/2018	No	Yes
WNV	Probable	No	St. Charles County	Not Imported	9/25/2018	No	Yes
WNV	Probable	No	Jackson County	Not Imported	9/28/2018	No	Yes
WNV	Probable	No	Buchanan County	Not Imported	10/8/2018	No	No

**Table 2: Imported Chikungunya virus infections**

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality*	Hospitalized
Chikungunya	Probable	No	Acquired Out of the Country	5/27/2018	No	Unknown
Chikungunya	Confirmed	Yes	Acquired Out of the Country	6/26/2018	No	No

**Table 3: Imported Dengue infections**

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality*	Hospitalized
Dengue	Probable	No	Acquired Out of Country	11/15/2018	No	Yes

**Table 4: Imported Zika infections**

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality*	Hospitalized
N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Table 5: Heartland infections**

Arbovirus	Case Status	Laboratory Confirmed	County Name	Onset Date	Fatality*	Hospitalized
Heartland	Confirmed	Yes	Phelps County	5/17/2018	No	Yes
Heartland	Confirmed	Yes	DeKalb County	10/31/2018	No	Yes

**WNV** = West Nile virus  
**SLE** = St. Louis encephalitis virus  
**DEN** = Dengue virus  
**EEE** = Eastern Equine encephalitis virus  
**CHIK** = Chikungunya virus  
**ZIKA** = Zika virus  
**N/A** = Information not available

\*The immediate causes of death in patients with West Nile and other related viral encephalitis commonly include pneumonia, heart attack, pulmonary embolism, septicemia, etc., rather than direct neurological damage or dysfunction, per se. For some individuals with serious pre-existing health problems, West Nile virus infection is a contributory cause of death.

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